PTO/S8/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sut	Substitute for form 1449A/B/PTO			Complete if Known		
				Application Number	09/851,885-Conf. #4328	
11	NFORMATIO	ON DISC	LOSURE	Filing Date	May 9, 2001	
S	TATEMEN	T BY AP	PLICANT	First Named Inventor	Yasushi Kubota	
			•	Art Unit	2677	
	(Use as many sheets as necessary)			Examiner Name	V. E. Kovalick	
Sheet	1	of	1	Attorney Docket Number	55845(70904)	

	U.S. PATENT DOCUMENTS						
Examiner			Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Initials*			MM-DD-YYYY Applicant of Cited Document		Relevant Passages or Relevant Figures Appear		
IAS	AA*	US-5,600,344	02-04-1997	Sono et al.			

		FOREI	GN PATENT D	OCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	Γ.
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ³ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
wel	BA	JP-04-309995	11-02-1992			┢
77	BB	JP-04-204628	07-27-1992			一
M	BC	JP-02-244880	09-28-1990			┢
V	BD	JP-06-250602	09-09-1994			-

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the sental number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Signature	mat Want	Date Considered	7/24/07
533397			

^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2008. OMB 0651-0031 U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/B/PTO 09/851,885-Conf. #4328 Application Number INFORMATION DISCLOSURE Filing Date May 9, 2001 STATEMENT BY APPLICANT Yasushi Kubota First Named Inventor Art Unit 2673 (Use as many sheets as necessary) Examiner Name V. E. Kovalick Sheet 1 of 1 Attorney Docket Number 55845(70904)

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			

		FOREI	GN PATENT	DOCUMENTS		
Examiner Initials*	Cite-No.	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁴ (if known)	Publication Date -MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, here Relevant Passages Relevant Figures Appear	
- (BA-	JP-02-210958	08-22-1990			
PI	BB	JP-07-253566	10-03-1995		7	
M	BC	JP-04-294324	10-19-1992	,,		
त्रर	BD	JP-07-295520	11-10-1995			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English tanguage Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		10L	l			
Examiner Signature	Vinail	Wel	W	Date Considered	7/24/07	
548207						

^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/B/PTO Application Number 09/851,885-Conf. #4328 INFORMATION DISCLOSURE Filing Date May 9, 2001 STATEMENT BY APPLICANT Yasushi Kubota First Named Inventor Art Unit 2673 (Use as many sheets as necessary) V. E. Kovalick **Examiner Name** 55845(70904) Sheet 1 Attorney Docket Number 1 of

	U.S. PATENT DOCUMENTS							
Evenine	C'1-	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where			
Examiner Initials*	Cite No.'	Number-Kind Code ² (if known)	141100 10004	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
		·						

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁶ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۳	
W.	ВА	JP-02-210985	08-22-1990				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Briter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *6 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *6 Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		. ,	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		1		
Examiner Signature	weal (1 m		Date Considered	712467
516297				

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

RECEIVED CENTRAL FAX CENTER

MAR 1 6 2007

PTO/SB/00A/B (09-00)
Approved for use Brough 03/31/2007. OMB 0631-0031
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent and Trudomark Office; U.9. DEPARTMENT OF COMMERCE
U.9. Palent And Trudomark Office; U.9. DEPARTMENT OF

Subolitatu for hirm 1448/PTO				Complete if Known		
				Application Number	09/851,885-Conf. #4328	
INFORMATION DISCLOSURE				Filing Date	May 9, 2001	
STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Yasushi Kubota	
				Arl Unit	2629	
(Use as many sheets as necessary)		Examiner Name	V. E. Kovalick			
Sheet	1	of	1	Altomey Docket Number	55845(70904)	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cile No.	Document Number Number-Kind Code ² (Florent)	Publication Data MM-OD-YYYY	Name of Patenica or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA *	US-6,023,260	02-08-2000	Seiko Epson Corporation	

	FOREIGN PATENT DOCUMENTS							
Examiner	Cita	Foreign Pertunt Document	Publication	Name of Patentes or	Pages, Columns, Lines,	Γ		
pulies.	No.1	Country Circle*-Number*-Kind Code*(If known)	MM-DD-YYYY	Applicant of Clark Description	Where Relevant Passages or Relevant Figures Appear	₽		
						-		

EXAMINER: Initial it reference consistered, whether or not citation is in conformance with MPEP 80s. Draw line through diletion if the in conformance and not considered. Include copy of this form with next communication to applicable. "CITE NO.: These application(s) which are marked with on single estents (*) next to the Gita No. are not supplied (under 27 CITE 1.95(s)(2)(iii)) because that application was filed often June 30, 2003 or is available in the IFW. "Applicants unique clothon document, or conformation document in the IFW." In IFW. "Applicants the document, by this two-totals code (WIPO Standard 51.3). "For Japanose patient documents, the indication of the year of the Emperor must proceed the serial number of the patient document. "Kind of document by the appropriate symbots as indicated on the document under WIPO Standard ST.18 if possible." Applicant is to place a check mark here if English language Transistion is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examinor Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, mogazine, journal, serial, symposium, calalog, etc.), date, paga(a), volume-laste number(s), publisher, city end/or country whom published.	Ta

^{*}EXAMINER. Initial of reference considered, whether or not claster is in conformance with MPEP 609. Once the through distant incline conformance and not considered. Include copy of this form with next communication to applicant.

	R I		
Examinor Signature (McL)	16 wales	Date Considered	7/24/07

^{&#}x27;Applicant's unique citation designation number (optional). "Applicant is to pixes a check mark here if English language Translation is attached.